

## Web Version without Attachments

MEMORANDUM FOR DoD MODELING AND SIMULATION (M&S) WORKING GROUP  
(MSWG) MEMBERS

SUBJECT: MSWG Minutes for the May 14, 1996, Meeting

CAPT Hollenbach, Director, Defense Modeling and Simulation Office (DMSO), chaired the May 14, 1996, MSWG meeting at the Institute for Defense Analyses' (IDA) facility at 2001 North Beauregard. The attachment identifies attendees. Meeting highlights follow:

### Important Schedule Notes:

- MSWG Meeting. The next MSWG Meeting will be on Tuesday, June 25, 1996, 9:00 a.m. to 12:30 p.m., in Room 118 at IDA's 2001 North Beauregard facility.

- DoD Executive Council for Modeling and Simulation (EXCIMS) Meeting. The EXCIMS will meet on Thursday, September 5, 1996, in Pentagon Room 3D1019, from 1:00 p.m. to 4:00 p.m. Action: MSWG members should schedule their principal for this meeting.

Industry Day, May 22-23, 1996 at the Radisson Plaza Hotel at Mark Center in Alexandria, Virginia. This event is an opportunity for M&S industry to gain insights into the future growth and direction of M&S in the Department of Defense. Information gained from the event will help focus industry's Independent Research and Development efforts on areas of potential value to the Department. The keynote speaker will be Dr. Kaminski, Under Secretary of Defense for Acquisition and Technology. Many MSWG members will be involved in supporting Industry Day as participants in panel and seminar presentations. Total attendance is expected to be between 400 and 500 persons.

Functional Area Councils and Functional Working Groups (FWG) Progress Reports. CAPT Hollenbach asked functional representatives to report progress of their respective groups toward developing appendices for the DoD M&S Master Plan and defining their working agenda for the year.

- Acquisition Council and FWG. Mr. Borowski reported that the next Acquisition Council meeting will be on May 24, 1996, in Pentagon Room 4E189, from 8:30 a.m. to 11:30 a.m.

- Analysis Council and FWG. Dr. Jackie Henningsen, Co-chair of the Analysis FWG, noted that the Analysis Functional Area Appendix is making slow progress. She advised the MSWG that a combined Joint Analysis Model Improvement Program and Analysis Council is scheduled for May 16, 1996, 1:00 p.m. to 4:00 p.m., in the J-8 "Blue Room."

- Training Council and FWG. Lt Col Martin reported that the Training Functional Area Appendix continues to grow more comprehensive. Mr. Hartmann advised that an Executive Summary will be the Training Appendix "deliverable" intended to fulfill the DoD M&S Master Plan Appendix requirement. The Training FWG is reviewing the status of Joint Simulation System Executive Agents. The next Training FWG meeting is on May 16, 1996, at IDA from 9:00 a.m. to 12:00 noon. The Training Functional Area Council will meet on May 31, 1996, in Pentagon Room 4E385, from 1:00 p.m. to 4:00 p.m.

March 21, 1996, EXCIMS Meeting. CAPT Hollenbach summarized key decisions and highlights from the March 21, 1996, EXCIMS meeting. The Director, Defense Research and Engineering (DDR&E) formed a Technical Advisory Team on Reuse (TATR) with Dr. Dahmann as its chair; the team will report its findings in May. Dr. Jones announced that approval of Functional Area Council charters will be held in abeyance until conclusion of a full one year test period. The EXCIMS considered a recommendation to designate the Defense Intelligence Agency as the DoD M&S Executive Agent for representations of foreign forces and US national and joint intelligence processes. The EXCIMS agreed on the "foreign forces" designation, but withheld a recommendation on "intelligence processes" pending further coordination within the Intelligence Community Coordinating Group. The DMSO will sponsor a series of demonstrations of the Conceptual Models of the Mission Space (CMMS) for the EXCIMS.

High Level Architecture (HLA) Transition Plans. Dr. Dahmann briefed the MSWG on a series of two-year transition activities associated with development of baseline HLA. The Architecture Management Group will continue its charter to manage DoD transition to the HLA; however, it is likely to have an expanded membership and to meet less frequently than at present. Supporting software, to include the Runtime Infrastructure and, possibly additional supporting software, is essential to the success of the HLA and will have to be available during the transition period. A robust HLA compliance certification process will also have to be developed and made readily available. An expanded Distributed Interactive Simulation standard will have to be developed to support the HLA. Finally, investments in technology experimentation, education and training will be required to support the continuing evolution and growth of the HLA.

Modular Reconfigurable Command, Control, Communications, Computers and Intelligence (C4I) Interface (MRCI) Update. Col (Sel) Jefferson summarized MRCI efforts to achieve "seamless" interfaces between C4I systems and M&S. Fiscal Year (FY) 1996 experiments focus on interfacing C4I systems (the Army's Maneuver Control System and Advanced Field Artillery Tactical Data System, and the Air Force's Contingency Theater Air Planning System) with two simulation systems through the HLA and MRCI. A demanding schedule is underway, with additional experiments planned for FY 1997. DoD Components can expect a request to nominate candidate C4I systems for FY 1997 prototype development projects.

Information Warfare DoD Modeling and Simulation Executive Agent (MSEA) Proposal. The Army withdrew this agenda item before it was briefed.

Chairman of the Joint Chiefs of Staff Instruction (CJCSI) 8510.01, "Joint Modeling and Simulation Management," April 24, 1996. Lt Col Illinger briefed the MSWG on this recently approved joint M&S policy document. CJCSI 8510.01 establishes the Joint Modeling and Simulation Executive Panel with J-8 as the Joint Staff focal point for joint modeling and simulation.

Modeling and Simulation Resource Repository (MSRR) to DoD Components for Information Domain. Mr. Misch explained that the MSRR is a distributed network of classified and unclassified information resources that are linked by the World Wide Web protocols. The MSRR will eliminate duplication and support "pull, plug, and play" requirements by providing responsive, timely access to authoritative sources that include: models and simulations (including simulation object models); software; metadata and data models; standards; databases; use and verification, validation and accreditation histories; and CMMS. Information is organized by domains, which are the heart of the MSRR organization. The DMSO will ask for nominations for initial information domains when it announces the Implementing Committee meeting in July. An Information Domain Coordinator (IDC) is required to: organize each domain; develop a taxonomy; register, maintain, and update the domain; and, work with other IDCs to cross reference related areas. The DMSO will supply the Technical Framework domain taxonomy and IDC.

DDR&E Technical Advisory Team on Reuse. Dr. Dahmann briefed the MSWG on the TATR's preliminary findings and conclusions. Her team determined that reuse involves more than merely technical issues. CAPT Hollenbach noted that programmatic implications may be significant; the TATR's findings should be closely examined by the Joint Simulation System and Joint Warfare Simulation program offices. Dr. Dahmann's briefing slides will be available on the DMSO Home Page (Universal Resource Locator: <http://www.dmsso.mil>).

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Attachment  
As stated